

RHODES AMERICAN

A *Fluid* ENTERPRISES COMPANY

MATERIAL SAFETY DATA SHEETS

1. CHEMICAL PRODUCT & COMPANY INFORMATION

Manufacturer: Rhodes American 1540 East Dundee Road Suite 210 Palatine, IL 60074 Product Name: Rubberize-It Red Spray Product Number: 752455, 752448 Product Description: Thermoplastic rubber spray Preparation Date: September 4, 1998 HMS Hazard Codes Health: 4 Flammability: 2 Reactivity: 0 PP Equipment: G	Emergency Phone: 800-255-3924 Information Phone: 800-621-8934 E-Mail: mail@rhodesamerican.com
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2. COMPOSITION/INGREDIENTS

Component	%	CAS#	TLV	LD/50, Route, Species	LD/50, Route, Species
Toluene	30-60	108-88-3	50ppm	5000 mg/kg, Oral, Rat	8000ppm (4hr), Inhalation, Rat
Neptane	5-10	142-82-5	400ppm	>15000 mg/kg, Oral, Rat	Not Available
Isobutane	10-30	75-28-5	800ppm	Not Applicable	520,000ppm (2hr), Inhalation, Mouse
Propane	10-30	74-98-6	1000ppm	Not Applicable	Not Applicable

3. PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance & Odor: Boiling Point: Melting Point: Vapor Pressure (mm Hg/20C): Vapor Density (Air = 1): Specific Gravity (Water = 1): Evaporation Rate: Aerosol Volatile % Aerosol VOC % Solubility in Water:	Thick red liquid with hydrocarbon odor 92-245°C Not Applicable 55-65 >1 .69-.73 >1 (1=Butyl Acetate) 91-92 91-92 Insoluble
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4. FIRE & EXPLOSION HAZARD DATA

Flash Point: -3.88°C Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam Special Fire Fighting Procedure: Protective Equipment: Unusual Fire & Explosion Hazards:	Flammable Limits: LEL: 1 UEL: 9.5 Water from fogging nozzles may be used to cool closed containers to prevent build-up if exposed to extreme temperatures. Full protective equipment including self contained breathing apparatus should be worn in a fire involving this material. Approved self-contained breathing apparatus & full bunker gear should be worn. Closed containers may explode when exposed to extreme heat. Isolate from heat, sparks and open flame. Vapors may accumulate and travel to ignition sources distant from handling site.
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5. REACTIVITY DATA

Stability: Stable

Conditions To Avoid: Heat; hot surfaces and all sources of ignition.

Incompatibility (materials to avoid): Strong oxidizing agents, Nitric Acid, Strong Acids, Halogens
Hazardous Decomposition Products: Hydrocarbon fumes and smoke. Carbon monoxide where combustion is incomplete

Hazardous Polymerization: Will not occur

Conditions to Avoid (Poly): None

6. HEALTH HAZARD DATA

Effects of overexposure

Inhalation: May cause nasal, throat, respiratory irritation, or necrosis. Symptoms include central nervous system depression characterized by headache, dizziness, fatigue, loss of coordination, nausea, unconsciousness or even asphyxiation.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting or diarrhea. Aspiration of material into lungs (during swallowing or vomiting) can cause chemical pneumonitis and pulmonary edema, which can be fatal.

Eye: Can cause severe eye irritation, redness, swelling, and tearing or blurred vision.

Skin: May cause skin irritation. Prolonged or repeated contact may cause redness, burning, defatting or dermatitis.

Chronic: Repeated intentional inhalation can cause permanent brain and nervous system damage.

Emergency and First Aid Procedures

Inhalation: Remove from exposure/area. Restore breathing. Keep warm and quiet. Notify a physician.

Ingestion: Since this product may contain materials which can cause lung damage if aspirated into the lungs, the decision whether to induce vomiting must be made by a physician after careful consideration of all materials ingested. Get immediate medical attention.

Eyes: Flush immediately with copious amounts of running water for at least 15 minutes. Lift eyelids occasionally. Get immediate medical attention.

Skin: Remove from skin with soap and water. Remove and launder contaminated clothing. Consult a physician if irritation persists.

7. PRECAUTIONS FOR SAFE HANDLING & USE

Steps if Material Released/Spilled: Small spill: Absorb liquid with rags, floor absorbent, vermiculite or other absorbent material and transfer to hood.

Large spill: Eliminate all ignition sources. Dike area spill to prevent spreading. Ventilate area if indoors. Pump liquid into salvage tank. Remaining liquid may be taken up with sand, floor absorbent or other absorbent material and shoveled into containers. Prevent run-off to sewers and bodies of water. Notify proper authorities as required by local, state, and federal regulations.

Waste Disposal Method: Dispose of in accordance with all applicable local, state and federal regulations. Do not incinerate closed containers.

Precautions-Handling/Storage: Do not drop containers. Avoid heat, sparks, and open flame. Store large quantities only on buildings designed to comply with OSHA 1910.106. Never use pressure to empty containers. Do not handle until the manufacturers safety precautions have been read and understood.

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8. CONTROL MEASURES

Respiratory Protection: In open area use NIOSH approved chemical/mechanical respirator to remove solid airborne particles and vapors. In restricted ventilation or in confined areas use NIOSH approved airline type respirator or hood.

Ventilation: Provide local exhaust ventilation/general dilution in volume and pattern to keep TLV and PEL of most hazardous ingredient below limits. Heavy solvent vapors should be removed from lower levels of area.

Protective Gloves: Chemical resistant

Eye Protection: Splashproof goggles. Do not wear contact lenses.

Other Protective Clothing & Equipment: Avoid prolonged contact with contaminated clothing.

Work Hygienic Practices: Wash hands before eating, drinking or smoking. Observe accepted good hygiene practices.

Supplier Safety & Health Data: Not determined

9. TRANSPORTATION DATA

Hazard Class: ORM-D

OSHA: Class 1A

DOT Shipping Name: Compressed Flammable Gas-Consumer Commodity

UN Number: N/A

NA #: N/A

Other: The ORM-D classification applies to containers under one gallon in size and is not applicable to air shipment.

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